

SEQ ID NO: 10 (searched SEQ ID NO: 9, but mismatched, therefore 10).

RESULT 8

HSDANSCA2

LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997

DEFINITION H.sapiens mRNA for SCA2 protein.

ACCESSION Y08262

VERSION Y08262.1 GI:1770389

KEYWORDS SCA2 gene.

SOURCE human.

ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 4163)

AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y.,
Garnier,J.M., Weber,C., Mandel,J.L., Cancel,G., Abbas,N.,
Duerr,A.,

Didierjean,O., Stevanin,G., Agid,Y. and Brice,A.
TITLE Cloning of the gene for spinocerebellar ataxia 2 reveals a
locus

with high sensitivity to expanded CAG/glutamine repeats
JOURNAL Nat. Genet. 14 (3), 285-291 (1996)

MEDLINE 97051922

REFERENCE 2 (bases 1 to 4163)

AUTHORS Imbert,G.

TITLE Direct Submission

JOURNAL Submitted (20-SEP-1996) G. Imbert, I.G.B.M.C., Departement
Of

Genetics, B.P. 163, 67404 Illkirch Cedex, FRANCE

FEATURES Location/Qualifiers

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/isolate="DAN patient"
/db_xref="taxon:9606"
/cell_line="lymphoblastoid"
/clone_lib="DAN"
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CDS <1. .2747
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BASE COUNT 1136 a 1196 c 908 g 923 t
 ORIGIN

Query Match 94.1%; Score 25.4; DB 9; Length 4163;
 Best Local Similarity 96.3%; Pred. No. 12;
 Matches 26; Conservative 0; Mismatches 1; Indels 0;
 Gaps 0;

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 Db 68 CCCCTTCGTCGTCGTCCTTCTCCCCCT 94

SEQ ID NO: 4

RESULT 1

HSDANSCA2

LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997

DEFINITION H.sapiens mRNA for SCA2 protein.

ACCESSION Y08262

VERSION Y08262.1 GI:1770389

KEYWORDS SCA2 gene.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 4163)

AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y.,
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Didierjean,O., Stevanin,G., Agid,Y. and Brice,A.

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FEATURES

source

Location/Qualifiers

1. .4163

/organism="Homo sapiens"

/isolate="DAN patient"

/db_xref="taxon:9606"

/cell_line="lymphoblastoid"

/clone_lib="DAN"

/dev_stage="adult"

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/gene="SCA2"

CDS

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BASE COUNT 1136 a 1196 c 908 g 923 t

ORIGIN

Query Match 100.0%; Score 31; DB 9; Length 4163;
Best Local Similarity 100.0%; Pred. No. 0.65;
Matches 31; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 51 CTCGGCGGGCCTCCCCGCCCTTCGTCGTCG 81

SEQ ID NO: 5

RESULT 7

HSDANSCA2
LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997
DEFINITION H.sapiens mRNA for SCA2 protein.
ACCESSION Y08262
VERSION Y08262.1 GI:1770389
KEYWORDS SCA2 gene.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 4163)
AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y.,
Garnier,J.M., Weber,C., Mandel,J.L., Cancel,G., Abbas,N., Duerr,A.,
Didierjean,O., Stevanin,G., Agid,Y. and Brice,A.
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MEDLINE 97051922
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AUTHORS Imbert,G.
TITLE Direct Submission
JOURNAL Submitted (20-SEP-1996) G. Imbert, I.G.B.M.C., Departement Of
Genetics, B.P. 163, 67404 Illkirch Cedex, FRANCE
FEATURES Location/Qualifiers
source 1. .4163
/organism="Homo sapiens"
/isolate="DAN patient"
/db_xref="taxon:9606"
/cell_line="lymphoblastoid"
/clone_lib="DAN"
/dev_stage="adult"
gene 1. .2747
/gene="SCA2"
CDS <1. .2747
/gene="SCA2"
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/protein_id="CAA69589.1"
/db_xref="GI:1770390"
/db_xref="SPTREMBL:Q99493"
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BASE COUNT 1136 a 1196 c 908 g 923 t
ORIGIN

Query Match 100.0%; Score 21; DB 9; Length 4163;
Best Local Similarity 100.0%; Pred. No. 29;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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SEQ ID NO: 7

RESULT 1

HSDANSCA2

LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997

DEFINITION H.sapiens mRNA for SCA2 protein.

ACCESSION Y08262

VERSION Y08262.1 GI:1770389

KEYWORDS SCA2 gene.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 4163)

AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y.,
Garnier,J.M., Weber,C., Mandel,J.L., Cancel,G., Abbas,N., Duerr,A.,
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TITLE Cloning of the gene for spinocerebellar ataxia 2 reveals a locus
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JOURNAL Nat. Genet. 14 (3), 285-291 (1996)

MEDLINE 97051922

REFERENCE 2 (bases 1 to 4163)

AUTHORS Imbert,G.

TITLE Direct Submission

JOURNAL Submitted (20-SEP-1996) G. Imbert, I.G.B.M.C., Departement Of
Genetics, B.P. 163, 67404 Illkirch Cedex, FRANCE

FEATURES Location/Qualifiers

source

1. .4163
/organism="Homo sapiens"
/isolate="DAN patient"
/db_xref="taxon:9606"
/cell_line="lymphoblastoid"
/clone_lib="DAN"
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gene

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/gene="SCA2"

CDS

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BASE COUNT 1136 a 1196 c 908 g 923 t

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Matches 32; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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SEQ ID NO: 8

RESULT 3

HSDANSCA2

LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997

DEFINITION H.sapiens mRNA for SCA2 protein.

ACCESSION Y08262

VERSION Y08262.1 GI:1770389

KEYWORDS SCA2 gene.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;

Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 4163)

AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y., Garnier,J.M., Weber,C., Mandel,J.L., Cancel,G., Abbas,N.,

Duerr,A.,

Didierjean,O., Stevanin,G., Agid,Y. and Brice,A.

TITLE Cloning of the gene for spinocerebellar ataxia 2 reveals a locus

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JOURNAL Nat. Genet. 14 (3), 285-291 (1996)

MEDLINE 97051922

REFERENCE 2 (bases 1 to 4163)

AUTHORS Imbert,G.

TITLE Direct Submission

JOURNAL Submitted (20-SEP-1996) G. Imbert, I.G.B.M.C., Departement Of

Genetics, B.P. 163, 67404 Illkirch Cedex, FRANCE

FEATURES Location/Qualifiers

source

1. .4163

/organism="Homo sapiens"

/isolate="DAN patient"

/db_xref="taxon:9606"

/cell_line="lymphoblastoid"

/clone_lib="DAN"

/dev_stage="adult"

gene

1. .2747

/gene="SCA2"

CDS

<1. .2747

/gene="SCA2"

/codon_start=3

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BASE COUNT 1136 a 1196 c 908 g 923 t
ORIGIN

Query Match 100.0%; Score 22; DB 9; Length 4163;
Best Local Similarity 100.0%; Pred. No. 92;
Matches 22; Conservative 0; Mismatches 0; Indels 0;
Gaps 0;

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SEQ ID NO: 12. (searched 11, but mismatched, therefore 12)

RESULT 8
HSDANSCA2
LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997
DEFINITION H.sapiens mRNA for SCA2 protein.
ACCESSION Y08262
VERSION Y08262.1 GI:1770389
KEYWORDS SCA2 gene.
SOURCE human.
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;
Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 4163)
AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y.,
Garnier,J.M., Weber,C., Mandel,J.L., Cancel,G., Abbas,N.,
Duerr,A.,
Didierjean,O., Stevanin,G., Agid,Y. and Brice,A.
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MEDLINE 97051922
REFERENCE 2 (bases 1 to 4163)
AUTHORS Imbert,G.
TITLE Direct Submission
JOURNAL Submitted (20-SEP-1996) G. Imbert, I.G.B.M.C., Departement
Of
Genetics, B.P. 163, 67404 Illkirch Cedex, FRANCE
FEATURES
Location/Qualifiers
source 1. .4163
/organism="Homo sapiens"
/isolate="DAN patient"
/db_xref="taxon:9606"
/cell_line="lymphoblastoid"
/clone_lib="DAN"
/dev_stage="adult"
gene 1. .2747
/gene="SCA2"
CDS <1. .2747
/gene="SCA2"
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Query Match 94.1%; Score 25.4; DB 9; Length 4163;
Best Local Similarity 96.3%; Pred. No. 64;
Matches 26; Conservative 0; Mismatches 1; Indels 0;
Gaps 0;

SEQ ID NO: 2

RESULT 1

HSDANSCA2/c

LOCUS HSDANSCA2 4163 bp mRNA PRI 09-JAN-1997

DEFINITION H.sapiens mRNA for SCA2 protein.

ACCESSION Y08262

VERSION Y08262.1 GI:1770389

KEYWORDS SCA2 gene.

SOURCE human.

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AUTHORS Imbert,G., Saudou,F., Yvert,G., Devys,D., Trottier,Y.,
Garnier,J.M., Weber,C., Mandel,J.L., Cancel,G., Abbas,N., Duerr,A.,
Didierjean,O., Stevanin,G., Agid,Y. and Brice,A.

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